In This Issue .......................................................... 197
Meet the First Authors .............................................. 198

Editorials

The Impact Factor of Circulation Research Reaches a New High
Roberto Bolli .............................................................. 199

Network Mendelian Randomization Study Design to Assess Factors
Mediating the Causal Link Between Telomere Length and Heart Disease
R. Garrett Morgan ...................................................... 200

Disease Highlights the Cellular Diversity of Neurovascular Units:
Sign in Stranger
Frank M. Faraci .......................................................... 203

Trainee and Young Investigator Corner

My Transition From a Postdoctoral Fellowship in the United States
to Junior Faculty in Europe: Challenges and Opportunities
Florian Leuschner ....................................................... 206

Leaders in Cardiovascular Science

Chantal M. Boulanger: Exploring the Endothelium
Susan Ince ............................................................... 208

Viewpoints

Setting the Agenda for Preventive Cardiology
Michael D. Shapiro, Sergio Fazio ...................................... 211
Molecular Medicine

★ Exploring the Causal Pathway From Telomere Length to Coronary Heart Disease: A Network Mendelian Randomization Study
Yiqiang Zhu, Ida K. Karlsson, Robert Karlsson, Annika Tillander, Chandra A. Reynolds, Nancy L. Pedersen, Sara Hägg ...................... 214

★ Dynamin-Related Protein 1 Inhibition Attenuates Cardiovascular Calcification in the Presence of Oxidative Stress
Maximillian A. Rogers, Natalia Maldonado, Joshua D. Hutcheson, Claudia Goettsch, Shinji Goto, Iwao Yamada, Tyler Fait, Hiromi Sesaki, Masanori Aikawa, Elena Aikawa ...................... 220

★ The Dendritic Cell Receptor DNGR-1 Promotes the Development of Atherosclerosis in Mice

Anti-Inflammatory Effects of OxpAPC Involve Endothelial Cell–Mediated Generation of LXA4
Yunbo Ke, Noureddine Zebda, Olgat Oskolkova, Taras Afonyushkin, Evgeny Berdyshev, Yufeng Tian, Fanyong Meng, Nicolene Sarich, Valery N. Bochkov, Ji Ming Wang, Anna A. Birukova, Konstantin G. Birukov ...................... 244

Integrative Physiology

★ Brain Perivascular Macrophages Initiate the Neurovascular Dysfunction of Alzheimer Aβ Peptides
Laibaik Park, Ken Uekawa, Lidia Garcia-Bonilla, Kenzo Koizumi, Michelle Murphy, Rose Pistik, Linda Younkin, Steven Younkin, Ping Zhou, George Carlson, Josef Anrather, Costantino Iadecola ...................... 258

X-Box Binding Protein-1 Dependent Plasma Cell Responses Limit the Development of Atherosclerosis
Andrew P. Sage, Meritxell Nus, Jayashree Bagchi Chakraborty, Dimitrios Tsiantoulas, Stephen A. Newland, Alison J. Finigan, Leanne Masters, Christoph J. Binder, Ziad Mallat ...................... 270

Reviews

PI3K and Calcium Signaling in Cardiovascular Disease
Alessandra Ghigo, Muriel Laffargue, Mingchuan Li, Emilio Hirsch .................. 282

Multimodal Regulation of Cardiac Myocyte Proliferation
Xuejun Yuan, Thomas Braun .................. 293
In May 2017, the average time from submission to first decision for all original research papers submitted to Circulation Research was 12.28 days.

On the Cover: Confocal microscopy image illustrating dextran-positive perivascular macrophages (green) juxtaposed to penetrating neocortical arterioles labeled by transcardiac perfusion with the lipophilic dye DiO (red). The neocortical surface is at the top of the picture. See related article, page 258.